

Please type a plus sign (+) inside this box → +

PTO/SB/05 (11-00)

Approved for use through 10/31/2002, OMB 0651-0032

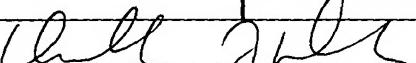
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No. 32860-000549/US
		Inventor(s) Gerd HEIN
		Title METHOD AND APPARATUS FOR BALANCING CAPACITORS IN A CAPACITOR BANK
(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))		

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small>		8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>	
3. <input checked="" type="checkbox"/> Specification [Total Pages 17] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings ( if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> c. <input type="checkbox"/> Statements verifying identity of above copies	
4. <input type="checkbox"/> Drawing(s) (35 U.S.C.113) [Total Sheets 0]		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
5. Oath or Declaration [Total Pages 0]		10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of <small>(when there is an assignee)</small> Attorney	
a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for a continuation/divisional with Box 18 completed)</small>		11. <input type="checkbox"/> English Translation Document (if applicable)	
i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small>		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations Preliminary Amendment	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		13. <input type="checkbox"/> 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>	
		15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>	
		16. <input type="checkbox"/> Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
		17. <input type="checkbox"/> Other: <u>Information Sheet</u>	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) Prior application information: Examiner _____ of prior application No: _____ / _____ Group / Art Unit: _____			
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			

17. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		30596		or <input type="checkbox"/> Correspondence address below <small>(Insert Customer No. or Attach bar code label here)</small>	
Name	Harness, Dickey & Pierce, P.L.C.				
Address	P.O. Box 8910				
City	Reston	State	VA	Zip Code	20195
Country	United States of America	Telephone	703-668-8000	Fax	703-668-8200

Name (Print/Type)	Donald J. Daley		Registration No. (Attorney/Agent)	34,313
Signature			Date	August 7, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

22241 U 10/635440  
P10  
08/07/03

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16179 U.S. PTO  
08/07/03

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1578.00)

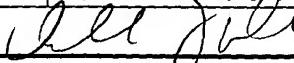
Complete If Known	
Application Number	NEW APPLICATION
Filing Date	August 7, 2003
Inventor(s)	Gerd HEIN
Examiner Name	UNASSIGNED
Group / Art Unit	UNASSIGNED
Attorney Docket No.	32860-000549/US

METHOD OF PAYMENT (check one)	
1. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
Deposit Account Number	08-0750
Deposit Account Name	Harness, Dickey & Pierce, P.L.C.
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	
2. <input type="checkbox"/>	Payment Enclosed:
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other	

FEE CALCULATION				
1. BASIC FILING FEE				
Large Entity	Fee (\$)	Small Entity	Fee (\$)	Fee Description
101	750	201	375	Utility filing fee
106	330	206	165	Design filing fee
107	520	207	260	Plant filing fee
108	750	208	375	Reissue filing fee
114	160	214	80	Provisional filing fee
SUBTOTAL (1)				(\$ 750)
2. EXTRA CLAIM FEES				
Total Claims	Entity	Extra Claims	Fee from below	Fee Paid
52	20	= 32	X 18	= 576
Independent Claims	6	3	X 84	= 252
Multiple Dependent	0		X 0	=
SUBTOTAL (2)				(\$ 828)

\*\*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES	Fee Description	Fee Paid			
Large Entity	Small Entity				
Fee Code	Fee (\$)	Fee Code (\$)			
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	410	216	205	Extension for reply within second month	
117	930	217	465	Extension for reply within third month	
118	1,450	218	725	Extension for reply within fourth month	
128	1,970	228	985	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,300	241	650	Petition to revive - unintentional	
142	1,300	242	650	Utility issue fee (or reissue)	
143	470	243	235	Design issue fee	
144	630	244	315	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	750	246	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	750	249	375	For each additional invention to be examined (37 CFR § 1.129(b))	
179	750	279	375	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)	(\$ 0)

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Donald J. Daley	Registration No. Attorney/Agent	34,313	Telephone	703-668-8000
Signature				Date	August 7, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

32860-000549/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION SHEET

22241 U.S. PTO  
10/635440  
08/07/03



Applicant(s): Gerd HEIN

Application No: NEW

Filed: August 7, 2003

For: METHOD AND APPARATUS FOR BALANCING CAPACITORS IN A CAPACITOR BANK

Priority Claimed Under 35 U.S.C. §119 and/or 120:

COUNTRY	DATE	NUMBER
GERMANY	August 7, 2002	102 36 165.7

Send correspondence to : HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 8910  
Reston, VA 20195  
(703) 668-8000

The above information is submitted to advise the United States Patent and Trademark Office of all relevant facts in connection with the present application. A timely executed Declaration in accordance with 37 CFR 1.64 will follow.

Respectfully submitted,

By Donald J. Daley  
Donald J. Daley, Reg. No., 34,373  
P.O. Box 8910  
Reston, VA 20195  
(703) 668-8000

PATENT  
32860-000549/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gerd HEIN

Application No.: NEW APPLICATION

Filed: August 7, 2003

For: METHOD AND APPARATUS FOR BALANCING CAPACITORS IN A CAPACITOR BANK

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**PRIORITY LETTER**

August 7, 2003

**MAIL STOP NEW APPLICATION**  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
Alexandria, Virginia 22313-1450

Dear Sirs:

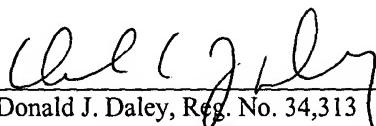
Pursuant to the provisions of 35 U.S.C. 119, enclosed is/are a certified copy of the following priority document(s).

<u>Application No.</u>	<u>Date Filed</u>	<u>Country</u>
10236165.7	August 7, 2003	GERMANY

In support of Applicant's priority claim, please enter this document into the file.

Respectfully submitted,

HARNESS, DICKEY, & PIERCE, P.L.C.

By   
Donald J. Daley, Reg. No. 34,313  
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